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☐ 1. Document ID: JP 63312372 A, JP 2516218 B2

L1: Entry 1 of 1   File: DWPI   Dec 20, 1988

DERWENT-ACC-NO: 1989-037287
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TITLE: Ink jet recording ink compsn. - has specific relationship between dynamic surface tension and viscosity

PRIORITY-DATA: 1987JP-0146929 (June 15, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 63312372 A	December 20, 1988	.	008	
JP 2516218 B2	July 24, 1996		007	C09D011/00

INT-CL (IPC): C09D 11/00

ABSTRACTED-PUB-NO: JP 63312372A
BASIC-ABSTRACT:

Ink compsn. meets the condition of equation (I). Recording is characterised by marking a paper having Stechigt sizing degree of more than 10 second by the ink compsn.

USE/ADVANTAGE - The ink compsn. is useful for ink jet recording. The compsn. exhibits high drying up property even if paper having high sizing degree e.g. more than 10 sec. Stechigt sizing degree, and gives clear and spread-free markings.

In an example, an ink jet recording ink was prepd. by dissolving, by wt.%, 'C.I. Black 19' 12; glycerine 7, diethylene glycol 15; diethylene glycol monobutyl ether 2; sodium sorbate 0.2 and water at 50 deg.C and then filtered with 1 micron microfilter. The ink had viscosity of 2.2cp (at room temp.), dynamic surface tension of 43.5 dyne/cm (at room temp.) and value of equation (I) of 45.7.

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